Personal Audio Docking System

Reference Guide US

DREAM MACHINE
Dream Machine is a trademark of Sony Corporation.

AUTO TIME SET
Auto Time Set is a trademark of Sony Corporation.

Made for
□ iPod □ iPhone

Available on the
App Store

NO POWER
NO PROBLEM
No Power No Problem is a trademark of Sony Corporation.

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http://www.sony.net/

ICF-CS15iP

English

Owner's Record

The model number and the serial number are located on the bottom.
Record the serial number in the space provided below. Refer to them whenever you call upon your Sony dealer regarding this product.

Model No. ICF-CS15iP

Serial No. _____

For customers in the USA
Please register this product on line at
http://www.sony.com/productregistration
Proper registration will enable us to send you periodic mailings about new products, services, and other important announcements. Registering your product will also allow us to contact you in the unlikely event that the product needs adjustment or modification. Thank you.

WARNING

To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.

To reduce the risk of fire, do not cover the ventilation of the apparatus with newspapers, tablecloths, curtains, etc. And do not place lighted candles on the apparatus.

To reduce the risk of fire or electric shock, do not expose this apparatus to dripping or splashing, and do not place objects filled with liquids, such as vases, on the apparatus.

Do not install the appliance in a confined space, such as a bookcase or built-in cabinet.

Do not expose the batteries (battery pack or batteries installed) to excessive heat such as sunshine, fire or the like for a long time.

As the main plug is used to disconnect the unit from the mains, connect the unit to an easily accessible AC outlet. Should you notice an abnormality in the unit, disconnect the main plug from the AC outlet immediately.

The unit is not disconnected from the AC power source (mains) as long as it is connected to the wall outlet, even if the unit itself has been turned off.

The nameplate and important information concerning safety are located on the bottom exterior.

You are cautioned that any changes or modifications not expressly approved in this manual could void your authority to operate this equipment.
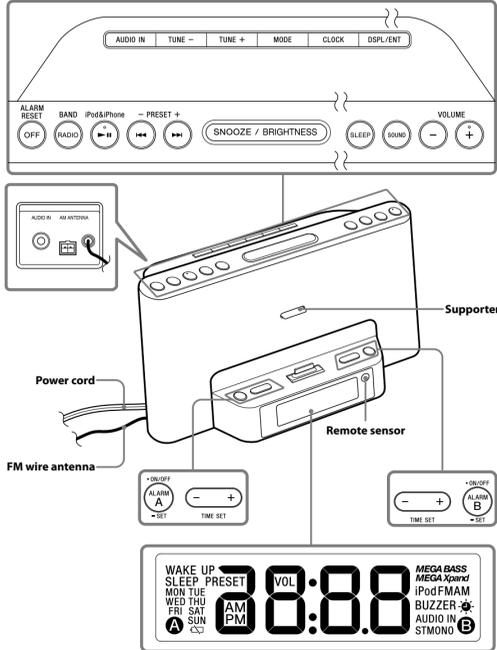
CAUTION
Danger of explosion if battery is incorrectly replaced. Replace only with the same type.

NOTE
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
– Reorient or relocate the receiving antenna.
– Increase the separation between the equipment and receiver.
– Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
– Consult the dealer or an experienced radio/TV technician for help.

WARNING
• Replace the battery for the clock backup with a Sony CR2025 lithium battery, and the battery for the remote commander with a Sony CR2025 lithium battery. Use of another battery may present a risk of fire or explosion.
• Battery may explode if mistreated. Do not recharge, disassemble or dispose of in fire.
• Dispose of used battery promptly. Keep away from children.

Important Safety Instructions

1) Read these instructions.
2) Keep these instructions.
3) Heed all warnings.
4) Follow all instructions.
5) Do not use this apparatus near water.
6) Clean only with dry cloth.
7) Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8) Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9) Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10) Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11) Only use attachments/accessories specified by the manufacturer.
12) Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.

13) Unplug this apparatus during lightning storms or when unused for long periods of time.
14) Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

For the state of California USA only
Perchlorate Material –special handling may apply, see
www.dtsc.ca.gov/hazardouswaste/perchlorate
Perchlorate Material: Lithium battery contains perchlorate

Precautions

• To disconnect AC power, grasp the plug itself, not the cord.
• Since a strong magnet is used for the speaker, keep credit cards using magnetic coding or spring-wound watches, CRT-based TVs, or projectors, etc., away from the unit to prevent possible damage from the magnet.
• Do not leave the unit in a location near a heat source such as a radiator or airduct, or in a place subject to direct sunlight, excessive dust, mechanical vibration, or shock.
• Allow adequate air circulation to prevent internal heat build-up. Do not place the unit on a surface (a rug, a blanket, etc.) or near materials (a curtain) which might block the ventilation holes.
• Should any solid object or liquid fall into the unit, unplug the unit and have it checked by qualified personnel before operating it any further.
• During a thunderstorm, do not touch the antenna (aerial) and plug.
• Do not touch the unit with wet hands.
• Do not place the unit anywhere near water.

NOTES ON LITHIUM BATTERY
• Wipe the battery with a dry cloth to assure a good contact.
• Be sure to observe the correct polarity when installing the battery.
• Do not hold the battery with metallic tweezers, otherwise a short-circuit may occur.

Note
• In the Reference Guide, "iPod" is used as a general reference to functions on an iPod or iPhone, unless otherwise specified by the text or illustrations.
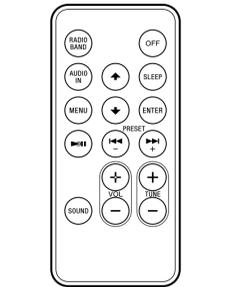
If you have any questions or problems concerning your unit, please consult your nearest Sony dealer.

Operations

Power source

No Power No Problem system
This unit contains a CR2032 battery as a backup power source to keep the clock and the alarm operating during a power interruption.

When to replace the battery
When the battery becomes weak, "⊂⊃" appears in the display.
If a power interruption occurs while the battery is weak, the current time and alarm will be erased. Replace the battery with a Sony CR2032 lithium battery. Use of another battery may cause a fire or explosion.

Note
• If "AM 12:00" flashes in the display when the unit is connected to an AC outlet for the first time, the battery may be weak. In this case, consult your nearest Sony dealer.

To replace the battery
1 Keep the AC plug connected to the AC outlet, remove the screw of the battery compartment at the bottom of the unit, and open the lid (see Fig. ①).
2 Remove the old battery and insert a new one in the battery compartment with the ⊕ side facing up (see Fig. ②).
3 Replace the battery compartment lid and tighten the screw.
4 Press ►▌▌, RADIO BAND, AUDIO IN or SNOOZE/BRIGHTNESS on the unit to turn "⊂⊃" off in the display.

Note
• When you replace the battery, do not disconnect the plug from the AC outlet. Otherwise, the current date, current time, alarm and station presets will be erased.

Reset button

CR2032

To reset the unit

Press the reset button with a pointed object if the unit fails to function properly. The current time, alarm and station presets, etc., will revert to their factory presets (see Fig. ②).

To charge your iPod

You can use the unit as a battery charger. Charging begins when the iPod is connected to the unit.
The charging status appears in the display on iPod. For details, see the user's guide of your iPod.

Setting the clock

To set the clock for the first time
This unit is preset to the current EST (Eastern Standard Time) at the factory, and is powered by a backup battery. All you need to do the first time is just plug it in and select your time zone by this unit.
1 Plug in the unit.
   The current EST (Eastern Standard Time) appears in the display.
2 Press and hold **MODE** for at least 2 seconds.
   Area number "2" flashes in the display.

3 Press **TIME SET +** or – repeatedly to select the number as follows:

Area number	Time zone
1	Atlantic standard Time
2 (default setting)	Eastern standard Time
3	Central standard Time
4	Mountain standard Time
5	Pacific standard Time
6	Yukon standard Time
7	Hawaiian standard Time

4 Press **DSPL/ENT** to set.

Note
• To cancel the time zone setting, press **MODE**.
• Though the clock is correct as set at the factory, discrepancies may arise during transport or storage. If necessary, set the clock to the correct time by referring to "To set the clock manually."

When daylight saving time (summer time) begins
This model automatically adjusts for daylight saving time (summer time).
"☀" is displayed from the beginning of daylight saving time (summer time) and disappears at the end of the daylight saving time (summer time) automatically.
• Daylight saving time (summer time) begins at: 2:00 AM on the second Sunday of March.
• Standard time begins at: 2:00 AM on the first Sunday of November.

To cancel Auto DST/summer time adjustment during the daylight saving time (summer time) period
The Auto DST/summer time adjustment can be canceled.
Press and hold **CLOCK** and **SNOOZE/BRIGHTNESS** on the unit at the same time for at least 2 seconds while the display is shown.
"☀" and "OFF" appear in the display to show that Auto DST/summer time adjustment has been canceled. The display returns to the clock.

Notes
• Changes to Auto DST/summer time adjustment by the unit (see above) are subject to circumstances and laws in each country/region. Should this interfere with desired adjustment, cancel the Auto DST/summer time adjustment and set the DST display manually as necessary. Customers living in a country/region that does not use daylight saving time (summer time) must cancel Auto DST/summer time adjustment before using the unit.
• To activate Auto DST/summer time adjustment again, press and hold **CLOCK** and **SNOOZE/BRIGHTNESS** on the unit at the same time for at least 2 seconds.
"☀" and "On" appear in the display to show that Auto DST/summer time adjustment has been activated. The display returns to the clock.

To set the clock manually
To change the clock setting manually, operate the unit as follows.
1 Plug in the unit.
2 Press and hold **CLOCK** until the year flashes in the display.
3 Press **TIME SET +** or – repeatedly to set the year, and then press **CLOCK**.
4 Repeat step 3 to set the month, day, hour and minute.
   The seconds start incrementing from zero.

To display the year and date
During clock display, press **CLOCK** on the unit once for the date, and press it again for the year. After a few seconds, the display will change back to the current time automatically.

Playing an iPod

Compatible iPod/iPhone models
The compatible iPod/iPhone models are as follows.
Update software of your iPod/iPhone to the latest version before using it with this unit.

iPod touch (4th generation)
iPod touch (3rd generation)
iPod touch (2nd generation)
iPod nano (6th generation)*
iPod nano (5th generation)
iPod nano (4th generation)
iPod nano (3rd generation)
iPod classic
iPhone 4
iPhone 3GS
iPhone 3G

* The iPod nano 6th generation cannot be controlled by remote when the command of "**MENU**," "**♦**," "**♦**," and "**ENTER**" is pressed.
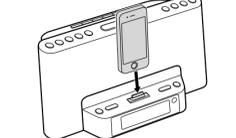
On copyrights
iPhone®, iPod®, iPod classic®, iPod nano®, and iPod touch® are trademarks of Apple Inc., registered in the U.S. and other countries. "Made for iPod," and "Made for iPhone" mean that an electronic accessory has been designed to connect specifically to iPod or iPhone, respectively, and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards. Please note that the use of this accessory with iPod or iPhone may affect wireless performance.

Note
• This unit is not specified for use with an iPad®, and malfunction may result if used as such.

To play back

1 Set your iPod on the dock connector.
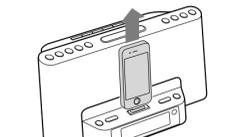   The dock connector can be tilted slightly.

2 Press ►▌▌.
   The iPod begins to play back.
   You can operate the connected iPod via this unit or the iPod itself.
3 Adjust the volume using **VOLUME +** or – (**VOL +** or – on the remote).

To remove an iPod
When placing or removing the iPod, hold it at the same angle as the dock connector on the unit. Do not pull the iPod forward too hard.

Notes
• An iPod in a case or cover can be set in this unit. However, if the case or cover interferes with connection, remove the case or cover before setting the iPod on the dock connector.
• When placing or removing the iPod, hold the iPod at the same angle as that of the connector on this unit, and do not twist or bend the iPod as it may result in connector damage.
• Remove the iPod when transporting it, otherwise a malfunction may result.
• When placing or removing the iPod, hold the unit securely.
• If the battery of your iPod is extremely low, charge it for a while before operation.
• If your iPod cannot reach the supporter located in front of the unit, attach the supplied cushion below the supporter.
• If the iPod is already playing when set onto the unit, the sound from the iPod will be output from the unit speakers, even if the unit was playing sound from another function.
• Sony cannot accept responsibility in the event that data recorded to an iPod is lost or damaged when using an iPod connected to this unit.
• For details of environmental conditions for operating your iPod, check the website of Apple Inc.

Playing the radio

To connect the AM loop antenna

The shape and length of the antenna is designed to receive AM signals. Do not dismantle or roll up the antenna.
1 Remove only the loop part from the plastic stand.
2 Set up the AM loop antenna.
   (Refer to the Startup Guide bundled with this Reference Guide.)
3 Insert the AM antenna terminal in the **AM ANTENNA** jack on the rear of the unit.
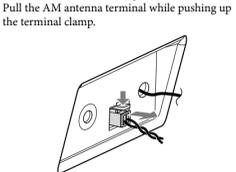
To adjust the AM loop antenna
Find a place and an orientation that provide good reception.

Tip
• Adjust the direction of the AM loop antenna for the best AM broadcast sound.

To remove the AM loop antenna
Pull the AM antenna terminal while pushing up the terminal clamp.

the ⊖ side facing up

Note
• If you are not going to use the remote for a long time, remove the battery to avoid any damage that may be caused by leakage and corrosion.

Setting the alarm

This unit is equipped with 3 alarm modes—iPod, radio and buzzer. Before setting the alarm, make sure to set the clock by this unit (see "To set the clock for the first time").

To set the alarm

1 Press and hold **ALARM SET A** or **B**.
   "WAKE UP" appears and the hour flashes in the display.
2 Press **TIME SET +** or – repeatedly until the desired hour appears.
   To cycle the hour rapidly, press and hold **TIME SET +** or –.
3 Press **ALARM SET A** or **B**.
   The minute flashes.
4 Repeat step 2 to set the minute.
5 Press **ALARM SET A** or **B**.
   The days of the week flash.
6 Repeat step 2 to set the days of the week.
   You can select the days from the following three options by pressing **TIME SET +** or –:
   Every day: MON TUE WED THU FRI SAT SUN
   Week day: MON TUE WED THU FRI
   Week end: SAT SUN
7 Press **ALARM SET A** or **B**.
   The alarm mode setting is entered.
8 Press **TIME SET +** or – repeatedly until the desired alarm mode flashes.
   You can choose one of 4 settings: "iPod," "FM," "AM" or "BUZZER." Set the alarm mode as follows:
   – iPod: see [A] To set the alarm as iPod."
   – FM or AM: see [B] To set the radio alarm."
   – BUZZER: see [C] To set the buzzer alarm."

[A] **To set the alarm as iPod**
1 Perform steps 1 to 8 in "To set the alarm."
2 Press **ALARM SET A** or **B** to select alarm mode for "iPod."
   The volume level flashes in the display.
3 Press **TIME SET +** or – to adjust the volume.
4 Press **ALARM SET A** or **B**.
   The setting is entered.
5 If "A" or "B" does not appear in the display, press ► **ALARM SET A** or **B** again.
   The iPod will sound at the set time.

When using an iPod touch/iPhone
• To wake up to music stored in an iPod touch/iPhone, connect the iPod touch/iPhone to the unit first, follow the steps above to set alarm time, and then select the music function.

[B] **To set the radio alarm**
1 Perform steps 1 to 8 in "To set the alarm."
2 Press ► **ALARM SET A** or **B** to select radio band ("FM" or "AM").
   Preset number flashes in the display.
3 Press **TIME SET +** or – to select the desired preset number corresponding the bands or "– –."
   "– –" is the last station received.
4 Press ► **ALARM SET A** or **B**.
   The volume level flashes in the display.
5 Press **TIME SET +** or – to adjust the volume.
6 Press ► **ALARM SET A** or **B**.
   The setting is entered.
7 If "A" or "B" does not appear in the display, press ► **ALARM SET A** or **B** again.
   The radio will turn on at the set time.

[C] **To set the buzzer alarm**
1 Perform steps 1 to 8 in "To set the alarm."
2 Press ► **ALARM SET A** or **B** to select "BUZZER" alarm mode.
   The setting is entered.
3 If "A" or "B" does not appear in the display, press ► **ALARM SET A** or **B** again.
   The buzzer will sound at the set time.

Note
• The volume cannot be set for the buzzer alarm.

To confirm an alarm time setting
Press **TIME SET +** or –. The setting will be displayed for about 4 seconds.

To change an alarm setting
Press and hold **TIME SET +** for at least 2 seconds to move the alarm time forwards. Press and hold **TIME SET –** for at least 2 seconds to move the alarm time back.
When you release the button, the changed time will flash for about 2 seconds. To change the alarm time again, press **TIME SET +** or – within these 2 seconds, otherwise the setting change will be fixed as displayed.

To doze for a few more minutes
Press **SNOOZE/BRIGHTNESS** on the unit.
The sound turns off but will automatically come on again after about 10 minutes.
You can change the snooze time by pressing **SNOOZE/BRIGHTNESS** on the unit repeatedly within 4 seconds.
The maximum length of the snooze time is 60 minutes.

10 → 20 → 30
60 ← 50 ← 40

To stop the snooze timer, press **OFF/ALARM RESET** (**OFF** on the remote).

To stop the alarm
Press **OFF/ALARM RESET** (**OFF** on the remote) to turn off the alarm.
The alarm will sound again at the same time the next day.

To deactivate the alarm
Press ► **ALARM ON/OFF A** or **B** to turn off the alarm A or B indicator in the display.

To activate the alarm
Press ► **ALARM ON/OFF A** or **B** to turn on the alarm A or B indicator in the display.

Notes
• When alarm is set as iPod, only the buzzer alarm will sound if there is no iPod on the dock connector, the music is not stored in the iPod, or the iPod touch/iPhone is turned off.
• The alarm function works as usual on the first and last day of daylight saving time (summer time). As a result, if the Auto DST/summer time adjustment is set and the alarm is set at a time skipped when the daylight saving time begins, the alarm will sound; if the alarm is set to a time that overlaps when daylight saving time ends, the alarm will sound twice.
• If the same alarm time is set for both alarm A and B, alarm A takes priority.
• If no operation is performed while the alarm is occurring, the alarm will stop after about 60 minutes.

Note on the alarm in the event of a power interruption
In the event of a power interruption, the buzzer alarm will last about 5 minutes if the battery is not weak. However, certain functions will be affected as follows:
• The backlight will not light up.
• If the alarm mode is set to iPod or radio, it will change to buzzer automatically.
• If **OFF/ALARM RESET** is not pressed, the alarm will sound for about 5 minutes.
• If "⊂⊃" appears in the display, the alarm will not sound in the event of a power interruption. Replace the battery if "⊂⊃" appears.
• The snooze function cannot be set during a power interruption.
• During a power interruption, each alarm will sound at the set time only once.

Setting the sleep timer

You can fall asleep to music, etc., using the sleep timer. The unit stops playback or radio automatically after a preset duration.
1 Press **SLEEP** while the unit is turned on.
   "SLEEP" appears and the sleep time flashes in the display.
2 Press **SLEEP** to set the sleep timer duration.
   Each time you press **SLEEP**, the duration (in minutes) changes as follows:
   90 → 60 → 30 → 15
   OFF ← ───────────
   The display returns to current time for about 4 seconds after you have finished the duration setting and released **SLEEP**, and then the sleep timer starts.
   The unit plays for the duration you set, and then stops.

To turn off the unit before the preset time
Press **OFF/ALARM RESET** (**OFF** on the remote).

To charge (continued) ...

3 Press **TIME SET +** or – repeatedly to select the preset number, then press **DSPL/ENT** on the unit.

Example: The following displays appear when you preset FM 89.8 MHz to preset number 1 for FM.

The display shows the frequency for about 10 seconds, and then returns to the current time.

Notes
• To preset another station, repeat these steps.
• To cancel the preset number setting, press **MODE** again.
• If you store another station with the same preset number, the previously stored station will be replaced.

To tune in to a preset station
1 Follow steps 1 to 2 in "Manual tuning" and select the AM or FM band.
2 Press **PRESET +** or – to select the desired preset number.
3 Adjust the volume using **VOLUME +** or – (**VOL +** or – on the remote).

–Auto preset tuning
1 Follow steps 1 to 2 in "Manual tuning" and select the AM or FM band.
2 Press and hold **RADIO BAND** until "AP" flashes in the display.
3 Press **DSPL/ENT** on the unit.
   The unit automatically presets the available channels in order.

Tip
• To stop auto preset tuning, press **RADIO BAND**.

To display the preset number and frequency of the current station
Press **DSPL/ENT** on the unit once for the preset number, and press it again for the frequency. After a few moments, the display returns to the current time.

To improve reception
FM: Extend the FM wire antenna fully to increase reception sensitivity.
AM: Connect the supplied AM loop antenna to the unit. Rotate the antenna horizontally for optimum reception.

Notes on radio reception
• Do not place the AM loop antenna near the power supply unit, the unit or other AV equipment during use, as noise may result.
• Keep digital music players or mobile phones away from the AM loop antenna or the FM antenna, as this may lead to reception interference.
• When you are listening to the radio with an iPhone connected to the unit, interference with radio reception may occur.
• When you are listening to the radio while charging an iPod, interference with radio reception may occur.

Tip
• If the FM broadcast is noisy, press **MODE** on the unit until "MONO" appears in the display, the radio will play in monaural and the sound will become clearer.

To change the sleep timer setting

You can press **SLEEP** repeatedly to select the desired sleep timer setting, even after the sleep timer has been activated.

To deactivate the sleep timer

Press **SLEEP** repeatedly to set the sleep timer to "OFF" in step 2.

Connecting optional components

To listen to sound

1 Firmly connect the line output jack of a portable digital music player (or other component) to the **AUDIO IN** jack on the back of the unit using a suitable connecting cable.
2 Press **AUDIO IN** to display "AUDIO IN."
3 Turn the connected component on.
4 Play the connected component.
   The sound from the connected component is output from the speakers of this unit.
5 Adjust the volume using **VOLUME +** or – (**VOL +** or – on the remote).

To return to the radio
Press **RADIO BAND**.
The preset number followed by then the frequency of the last station appears in the display.

To return to the iPod
Press ►▌▌.

To stop listening
Press **OFF/ALARM RESET** (**OFF** on the remote), and stop playback on the connected component.

Notes
• The necessary type of audio connecting cable depends on the optional component. Make sure to use the correct type of cable.
• If the volume level is low, adjust the volume of the unit first. If the volume is still too low, adjust the volume of the connected component.
• Disconnect the audio connecting cable when it is not in use.
• When you listen to the radio with optional component connected, turn off the connected component to prevent noise. If noise occurs, even when the component is turned off, disconnect and place the optional component away from the unit.

Other useful functions

To enjoy the bass or expansion sound effect
Two kinds of sound effect are available by pressing **SOUND**.
Each time you press the button, the sound effect changes as follows:
"MEGA BASS": Provides high quality bass sound.
"MEGA Xpand": Extends the sound field width.
"MEGA BASS" and "MEGA Xpand": Enables both the above effects.
To return to standard sound, press the button until the display(s) disappear.

To set the brightness of the display
Four levels of brightness are available by pressing **SNOOZE/BRIGHTNESS** on the unit.
High (default) → m → m → Low
OFF
Even if brightness level is set to OFF, it will change to Low while the alarm is occurring.

About App

Dedicated Dock App for iPod/iPhone available at Apple App Store.
Search for "D-Sappli" and download the free App to find out more about the functions.

Notes
• If the App to link with this unit is not downloaded to your iPod/iPhone, a pop-up message prompting you to download D-Sappli may appear repeatedly.
  Deactivate the App's link function to stop the pop-up message.

Additional Information

Troubleshooting

Should any problem persist after you have made the following checks, consult your nearest Sony dealer.

The clock flashes "AM 12:00" due to a power interruption.
• The battery is low. Replace the battery. Remove the old battery and install a new one.

The sound of radio, iPod or buzzer does not sound at the preset alarm time.
• Check that alarm "A" or alarm "B" is properly displayed.

The alarm of radio or iPod is activated but no sound comes on at the preset alarm time.
• Check the volume setting.

There is no sound from the iPod.
• Make sure the iPod is securely connected.
• Adjust the **VOLUME +**/– (**VOL +**/– on the remote).

The iPod cannot be operated with this unit.
• Make sure the iPod is securely connected.

The iPod cannot be charged.
• Make sure the iPod is securely connected.

When daylight saving time (summer time) begins, the clock does not employ the daylight saving time (summer time) automatically.
• Make sure the clock is set correctly.
• Press and hold **SNOOZE/BRIGHTNESS** on the unit simultaneously for at least 2 seconds to activate the Auto DST/summer time function.

Specifications

AUDIO POWER SPECIFICATIONS
POWER OUTPUT AND TOTAL HARMONIC DISTORTION:
With 6 ohm loads both channels driven, from 150 Hz - 10,000 Hz; rated 3 watts per channel minimum RMS power, with no more than 10% total harmonic distortion.

Time display
12-hour system

iPod
DC out: 5 V
MAX: 1 A

Radio
Frequency range

Band	Frequency	Channel step
FM	87.5 MHz - 108 MHz	0.1 MHz
AM	530 kHz - 1 710 kHz	10 kHz

General
Speaker
Approx. 5.7 cm (2 ¼ inches) dia. 6 Ω
Input
AUDIO IN jack (ø 3.5 mm stereo minijack)
Power output
3.5 W + 3.5 W (at 10% harmonic distortion)
Power requirements
120 V AC, 60 Hz
For clock back up: 3V DC, CR2032 battery (1)
Dimensions
Approx. 290 mm × 165 mm × 145 mm (w/h/d) (11 ½ inches × 6 ½ inches × 5 ¾ inches), including projecting parts and controls
Mass
Approx. 1.65 kg (3 lb 7 oz) including power supply unit
Supplied accessories
Remote commander (1)
AM loop antenna (1)
Cushion (1)

Design and specifications are subject to change without notice.

This warranty is valid only in the United States.

This unit includes a preinstalled Sony Lithium battery (CR2032) as back-up power source for the clock, which is preset to EST (Eastern Standard Time) at the factory. And this battery is considered part of the unit.

Remote commander

Before using the supplied remote for the first time, remove the insulation film.
Aim the remote at the ⦿ (Remote sensor) of the unit.

The VOL + and ►▌▌ buttons have a tactile dot.

OFF
• Terminate the current function and stop playback.
• Stop a currently sounding alarm/snooze timer.

►▌▌ (Play/Pause)
• Start playing the iPod. Press again to pause/resume playback.
• Press and hold to turn off the iPod.

►►▌ (Forward)
• Go to the next track.
• Press and hold while listening to the sound to locate a desired point.
• Press and hold in pause while observing the display on iPod to locate a desired point.

▌◄◄ (Backward)
• Go back to the previous track. During playback, this operation returns to the beginning of the current track. To go back to the previous track, press twice.
• Press and hold while listening to the sound to locate a desired point.
• Press and hold in pause while observing the display on iPod to locate a desired point.

♦ (Up)/♦ (Down)
• Select a menu item or track for playback.

MENU
• Go back to the previous menu.
• Press and hold to go back to the main menu.

ENTER
• Execute the selected menu item or begin playback.

SOUND
• Select the desired sound effect(s). (For details, see "To enjoy the bass or expansion sound effect.")

VOL +/– (Volume plus/minus)
• Adjust the volume.

RADIO BAND
• Activate the radio and select a band.

PRESET +/–
• Select the preset number or preset station. (For details, see "Playing the radio.")

TUNE +/–
• Tune into a station when the radio is on.
• Press and hold to scan AM or FM stations.

AUDIO IN
• Activate the AUDIO IN function when an optional component is connected. (For details, see "Connecting optional components.")

SLEEP
• Set the sleep timer. (For details, see "Setting the sleep timer.")

Note
• Some operations may differ or may not be available on certain models of iPod.

When to replace the battery

With normal use, the battery (CR2025) should last for about 6 months. When the remote no longer operates the unit, replace the battery with a new one.

the ⊕ side facing up

Note
• If you are not going to use the remote for a long time, remove the battery to avoid any damage that may be caused by leakage and corrosion.

(Radio tuning section)

–Manual tuning
1 Press **RADIO BAND** to turn on the radio.
2 Press **RADIO BAND** repeatedly to select the desired band.
   Each time you press the button, the radio band toggles between AM and FM as follows:
   ┌→ FM → AM ┐
   └──────────┘
3 Press **TUNE +** or – repeatedly to tune to the desired station.
4 Adjust the volume using **VOLUME +** or – (**VOL +** or – on the remote).
   To turn off the radio, press **OFF/ALARM RESET** (**OFF** on the remote).

–Scan tuning
The unit automatically scans for AM or FM stations.
1 Follow steps 1 to 2 in "Manual tuning" and select the AM or FM band.
2 Press and hold **TUNE +** or –.
   + : scans upward through the frequency bands.
   – : scans downwards through the frequency bands.
   Scanning starts from the currently-tuned frequency. When a station is received, scanning stops.
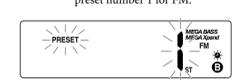3 Adjust the volume using **VOLUME +** or – (**VOL +** or – on the remote).

–Preset tuning
You can preset up to 20 FM stations and 10 AM stations.

To preset a station
1 Follow steps 1 to 4 in "Manual tuning" and manually tune into the station you wish to preset.
2 Press and hold **MODE** on the unit for at least 2 seconds.